BRUHAT BANGALORE MAHANAGARA PALIKE

Rajarajeshwari nagar Zone

Detailed Estimate for Public works

Name of the work:-Operation and maintenance of street lighting system in ward no-17, Package R2 of Rajarajeshwari Nagar Zone.

Budget Head :-P0300 M & R to street lights- Replacement of Burntbulbs etc (Package)

Est.Cost Rs 24,40,000/-

Sl. No.	Description of Work	Qty.	Rate / Fitting /Annum	Unit	Amt. Per Annum
	Part A. Operation and Maintenance				
1 AR	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **36/40 watt fluoroscent tube light street lighting systems.**	40	685.45	Each	27418.00
4 8 AR	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **250 watt HPSV street light lighting systems.**	1549	1019.41	Each	1579066.09
6 9 AR	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **400 watt HPSV street light/high mast lighting systems.**	70	1118.08	Each	78265.60
7 10 AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **24 watt LED park lighting systems.**	500	880.01	Each	440005.00
8 11 AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **65 watt LED street light lighting systems.**	25	1147.43	Each	28685.75

AEE (Ele.)

(B)

Sl. No.	Description of Work	Qty.	Rate / Fitting /Annum	Unit	Amt. Per Annum
9 12 AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for **90 watt LED street light lighting systems.**	190	1377.66	Each	261755.40
	Total Part A				2415195.84
	Part B. Items from KPWD Elec SR-2019-20 Work to be carried out as per requirement & actuals and as per the directions of the Engineer in charge.				
	Description of Work	Qty.	Rate	Unit	
10 P.No-XVII I.No -451.	Supplying of Microprocessor Based Astronomical timer Switch	2	2418.00	Each	4836.00
11 P.No-XIV I.No- 244	Supplying of 4 Pole Power contactor with NO/NC Contactor 100-125 amps.	4	4320.00	Each	17280.00
	Total Part B				22116.00
	GST @12% on Part B				2653.92
	Miscellaneous Charges				34.24
	Grand Total				2440000.00
	Rupees Twenty Four Lakh Forty Thousand Only Paise Zero Only				

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provisions made in the estimate are adequate and necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the BBMP Funds.
4. The rates in the Estimate is based on the approved Data rates and KPWD Ele SR -2014-15 and 2019-20.

Junior Engineer(Elec)

Asst. Exe.Engineer (Elec),
Rajarajeshwari Nagar Zone,
Bruhat Bangalore Mahanagara Palike.

EXECUTIVE ENGINEER (ELEC),
RAJARAJESHWARI NAGAR ZONE,
BRUHAT BANGALORE MAHANAGARA PALIKE.

Administrative Sanctioned for Rs. 24,40,000.00
Rs. Twenty four lakhs fourty thousand only. is accorded
under the head: P0300
By EE (R.R.N.) page 30 of 31
Registered as CE (R.R.N) No: 51/19-20 Subject to conditions contained in enclosed memo
No. 51/19-20 Date. 9/1/2020.

TECHNICAL SANCTION
Rs: 24,40,000/- [Twenty four lakhs fourty thousand only] is accorded
under the head: P-0300
By CE(R.R.N.), P.No. 144-145
Registered as CE (R.R.N) No: 561/19-20 subject to conditions contained in enclosed memo
No: 561/19-20 Date. 22/01/2020